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PATENT  
Attorney Docket No.: COOL-01500

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Peng Zhou et al.

Serial No.: 10/643,638

Filed: August 18, 2003

For: **BOILING TEMPERATURE  
DESIGN IN PUMPED  
MICROCHANNEL COOLING  
LOOPS**

) Group Art Unit: 3744  
)  
) Examiner: Early, Michael Jacoby  
)  
**TRANSMITTAL LETTER**  
)  
) 162 North Wolfe Road  
) Sunnyvale, California 94086  
) (408) 530-9700  
)  
) Customer Number.: 28960  
)

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

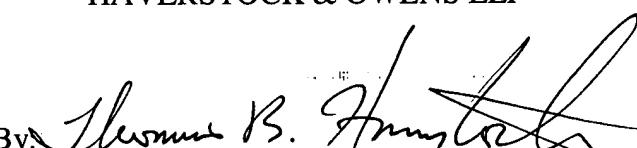
Sir:

Attached please find a Response to an Office Action mailed on September 5, 2006, for filing with the U.S. Patent and Trademark Office.

The Commissioner is authorized to charge any additional fee or credit any overpayment to our Deposit Account No. 08-1275. An originally executed duplicate of this transmittal is enclosed for this purpose.

Respectfully submitted,  
HAVERSTOCK & OWENS LLP

Dated: 12-1-06

By:   
Thomas B. Haverstock  
Reg. No.: 32,571

Attorneys for Applicant

CERTIFICATE OF MAILING (37 CFR§ 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

HAVERSTOCK & OWENS LLP

Date: 12-1-06

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For: **BOILING TEMPERATURE** ) **RESPONSE TO OFFICE ACTION**  
**DESIGN IN PUMPED** )  
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                          ) 162 North Wolfe Road  
                          ) Sunnyvale, California 94086  
                          ) (408) 530-9700  
                          )

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed September 5, 2006, please consider the amendments and remarks attached below.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 7 of this paper.